

09-13-04

2674 #
211

PTO/SB/21 (02-04)

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TRANSMITTAL FORM

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Total Number of Pages in This Submission

91

Application Number	09/916,232
Filing Date	July 25, 2001
First Named Inventor	BROWN ELLIOTT, Candice H
Art Unit	2674
Examiner Name	LESUPERANCE, Jean E.

Attorney Docket Number

CLR V-001CIA

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	German Patent DE 199 46 329 German Patent DE 199 23527 with English translation
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	German Patent DE 299 09537 European Patent EP 0 899 604 A3
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	European Patent EP 1 381 020 A2
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	Japan Patent HO 3 - 78390 with English translation
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Paper by C.Elliott Paper by C.Elliott Paper by Krantz Paper by Lee Paper by Messing Paper by Messing Paper by Okemoto	PCT Application WO 00/65432

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Stuart P. Kaler 35,913	RECEIVED
Signature	Stuart P. Kaler	SEP 16 2004
Date	9 Sept 2004	Technology Center 2600

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Typed or printed name	Carolyn Marsden		
Signature	C. Marsden	Date	9-10-04

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PTO/SB/17 (10-03)
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

Application Number	09/916,232
Filing Date	July 25, 2001
First Named Inventor	BROWN ELLIOTT, Candice Hellen
Examiner Name	LESPERANCE, Jean E.
Art Unit	2674
Attorney Docket No.	CLRV-001CIA

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number	<input type="text"/>
Deposit Account Name	<input type="text"/>

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	<input type="text"/>
1002 340	2002 170	Design filing fee	<input type="text"/>
1003 530	2003 265	Plant filing fee	<input type="text"/>
1004 770	2004 385	Reissue filing fee	<input type="text"/>
1005 160	2005 80	Provisional filing fee	<input type="text"/>
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
<input type="text"/>					

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	<input type="text"/>
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
1053 130	1053 130	Non-English specification	<input type="text"/>
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	<input type="text"/>
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>
1251 110	2251 55	Extension for reply within first month	<input type="text"/>
1252 420	2252 210	Extension for reply within second month	<input type="text"/>
1253 950	2253 475	Extension for reply within third month	<input type="text"/>
1254 1,480	2254 740	Extension for reply within fourth month	<input type="text"/>
1255 2,010	2255 1,005	Extension for reply within fifth month	<input type="text"/>
1401 330	2401 165	Notice of Appeal	<input type="text"/>
1402 330	2402 165	Filing a brief in support of an appeal	<input type="text"/>
1403 290	2403 145	Request for oral hearing	<input type="text"/>
1451 1,510	1451 1,510	Petition to institute a public use proceeding	<input type="text"/>
1452 110	2452 55	Petition to revive - unavoidable	<input type="text"/>
1453 1,330	2453 665	Petition to revive - unintentional	<input type="text"/>
1501 1,330	2501 665	Utility issue fee (or reissue)	<input type="text"/>
1502 480	2502 240	Design issue fee	<input type="text"/>
1503 640	2503 320	Plant issue fee	<input type="text"/>
1460 130	1460 130	Petitions to the Commissioner	<input type="text"/>
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	<input type="text"/>
1806 180	1806 180	Submission of Information Disclosure Stmt	<input type="text"/>
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	<input type="text"/>
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>
1801 770	2801 385	Request for Continued Examination (RCE)	<input type="text"/>
1802 900	1802 900	Request for expedited examination of a design application	<input type="text"/>

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

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SUBMITTED BY

Name (Print/Type)	Stuart P. Kaler	Registration No. (Attorney/Agent)	35,913	Telephone	707-824-2487
Signature		Date	Sep 9, 2004		

(Complete if applicable)

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EXAMINING GROUP 2674

PATENT

Customer No. 42304

Attorney Docket No. CLRV - 001CIA

Confirmation No. 8209

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Candice Hellen Brown Elliott) Group Art Unit: 2674
Application No.: 09/916,232) Examiner: Lesperance, Jean E.
Filed: July 25, 2001)
For: ARRANGEMENT OF COLOR)
PIXELS FOR FULL COLOR)
IMAGING DEVICES WITH)
SIMPLIFIED ADDRESSING)

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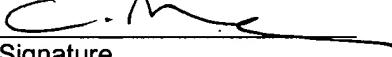
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Carolyn Marsden
Printed Name


Signature

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicant brings to the attention of the Examiner the document listed on the attached PTO 1449. This Information Disclosure Statement is being filed after the events recited in Section 1.97 (b) but, to the undersigned's knowledge, before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in

the application. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement is accompanied by a fee of \$180.00 as specified in Section 1.17(p).

Copies of the listed document are attached. Applicant respectfully requests that the Examiner consider the listed document and indicate that it was considered by making the appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed document is material or constitute "prior art." If the Examiner applies the document as prior art against any claims in the application and Applicant determines that the cited document does not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such document.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

Clairvoyante, Inc

Dated: 9 Sept, 2004

By: Stuart P. Kaler
Stuart Kaler
Reg. No. 35,913



PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of 3

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Application Number	09/916,232
Filing Date	July 25, 2001
First Named Inventor	BROWN ELLIOTT, Candi
Art Unit	2674
Examiner Name	LESPERANCE, Jean E.
Attorney Docket Number	CLRV -001CIA

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
		US- 4,593,978	06-10-1986	Mourey et al.	
		US- 5,184,114	02-00-1993	Brown, Brent W	
		US- 5,233,385	08-03-1993	Sampsell	
		US- 5,436,747	07-25-1995	Suzuki	
		US- 5,646,702	07-00-1997	Akinwande et al	
		US- 5,648,793	07-15-1997	Chen	
		US- 5,729,244	03-00-1998	Lockwood, Henry, F	
		US- 5,815,101	09-29-1998	Fonte	
		US- 6,005,692	12-00-1999	Stahl, Thomas D	
		US- 6,064,363	05-16-2000	Kwon	
		US- 6,147,664	11-00-2000	Hansen, Ronald	RECEIVED SEP 16 2004
		US- 6,151,001	11-00-2000	Anderson et al	Technology Center 2600
		US- 6,160,535	12-02-2000	Park	
		US- 6,225,967 B1	05-01-2001	Hebiguchi	
		US- 6,262,710	07-00-2001	Smith, Ronald D	
		US- 6,628,068	09-00-2003	Rorison et al	
		US- 6,360,023 B1	03-19-2002	Betrisey et al.	
		US- 6,393,145 B2	05-21-2002	Betrisey et al.	
		US- 6,441,867 B1	08-27-2002	Daly	

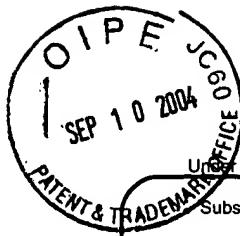
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ "Number" "Kind Code" ⁵ (<i>if known</i>)			
		DE 197 46 329 A1	03-18-1999	Phan, Gia Chuon	
		DE 199 23 527 A1	11-23-2000	Bohlendorf, A	
		DE 299 09 537 U1	10-14-1999	Phan, Gia Chuon	
		EP 0 899 604 A2	03-03-1999	Mori, Hideo	
		EP 1 381 020 A2	01-14-2004	Barco, N. V.	

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 3

Application Number	09/916,232
Filing Date	July 25, 2001
First Named Inventor	BROWN ELLIOTT, Candi
Art Unit	2674
Examiner Name	LESPERANCE, Jean E.
Attorney Docket Number	CLVR-001CIA

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

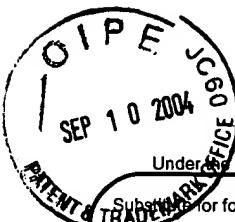
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Text
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP 03-78390	04-03-1991	Ishitani, Hiroo		
		JP 03-78390	04-03-1991	Ishitani, Hiroo		
		WO 00/65432	11-02-2000	Barco et al		

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 3

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Art Unit	2674
Examiner Name	LESPERANCE, Jean E.
Attorney Docket Number	CLRV-001CIA

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		C. Elliott, "Reducing Pixel Count Without Reducing Image Quality", Information Display, Vol. 15, pp. 22-25, 12-1999	
		C. Elliott, " Active Matrix Display Layout Optimization For Sub-Pixel Image Rendering", IDMC 2000, pp. 185-189, 08-2000	
		Krantz, John et al., Color Matrix Display Image Quality: The Effects of Luminance and Spatial Sampling", SID 90 Digest, pp 29-32	
		Lee, Baek-woon et al., "40.5L: Late-News Paper: TFT-LCD with RGBW Color System," SID 03 Digest, 2003, pp. 1212-1215	
↑		Messing, Dean et al., Improved Display Resolution of Subsampled Colour Images Using Subpixel Addressing, IEEE ICIP 2002	
		Messing, Dean et al., Subpixel Rendering on Non-Striped Colour Mtrix Displays, 2003 International Conf on Image Processing, 9-2003, Barcelona Spain	
		H. Okamura, "A New Flicker-Reduction Drive Method for High-Resolution LCTV's", SID 01 Digest, pp. 551-554, 2001 (no month)	

Examiner Signature	Date Considered
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